Claims

1. A Core (110, 150) for supporting a covering (200, 510, 620) of a cable entry device (100, 500, 600), **characterized** by at least one axially extending intermediate portion (111, 151a, 151b) connected to a flange and (112, 152) and locking means (112, 113a, 113b, 152, 153a, 153b) for instantly locking the core to a surrounding material when inserted into a hole thereof.

2. The core according to claim 1, **characterized** in that the locking means comprises detents (113a, 113b, 153a, 153b).

3. The core according to claim 1 or 2, **characterized** in that the flange (112, 152) and the detents (113a, 113b, 153a, 153b) have opposing support surfaces (156a, 156b, 157).

4. The core according to any of the claims 3, **characterized** in that the support surfaces (156a, 156b, 157) of the flange (152) and the detents (153a, 153b) are parallel.

5. The core according to claim any of the claims 2 to 4, **characterized** by a flexible portion (154a, 154b) extending from a first end towards a second end of the intermediate portion (151a, 151b), the detents (153a, 153b) are provided at the second end of the flexible portion.

6. The core according to claim 5, **characterized** in that the thickness of the flexible portion (151a, 151b) at a base (158) thereof is thinner than the thickness of the remaining portion of the flexible portion.

7. The core according to claims 2 or 3, **characterized** in that the flange (112, 152) is connected to a first end of the intermediate portion, and the detents (113a, 113b) are connected to a second end the intermediate portion (111), the detents extending outwardly towards the periphery of the flange (112).

8. The core according to any of the previous claims, **characterized** by means (114, 640) for providing strain relief.

9. The core according to claim 8, **characterized** in that the means for providing strain relief comprises flexible tongues (114, 640) extending radially towards the center of the core and in the direction for insertion of the cable into the core.

10. The core according to claim 9, **characterized** in that the tongues (114, 640) have alternating length.

11. The core according to claim 9 or 10, **characterized** in that the means (114) for providing strain relief is connected to an inner circumference of the intermediate portion.

12. The core according to any of the claims 8 to 10, **characterized** in that the means (640) for providing strain relief is detachably connectable to the core.

13. The core according to any of the previous claims, **characterized** in that at least the intermediate portion (111, 151a, 151b) is enclosed by a flexible covering (200, 510, 620).

14. The core according to claim 13, **characterized** in that the covering (200, 510, 620) encloses the flexible portions (154a, 154b).

15. The core according to any of the claims 13 to 14, **characterized** in that the flexible covering (200) comprises a lip (246) for enclosing the means (114) for providing strain relief.

16. The core according to claim 11 or 12, **characterized** in that the covering (510) comprises an entry having an internal surface (560) extending in a longitudinal direction of the core (150) for abutting against a cable when inserted through the entry, the entry is supported by the core (150) when compressed.

17. Use of the core according to any of the claims 1 to 16 together with a covering (400, 510, 620) (500, 600) as a cable entry device for providing sealing in a space between a cable (1) and a surrounding material, the covering comprising first and second sealing members (420, 430) for receiving said material therebetween formed by a recess (410) in outer periphery of the covering, **characterized** in that the covering comprises means (440, 441, 442) for temporarily receiving the second sealing member during insertion of the cable entry device into a hole of the surrounding material.

18. Use according to claim 17, **characterized** in that the means for temporarily receiving the second sealing member comprises a recess of the covering having a depth corresponding to the thickness of the second sealing member (430).

19. Use according to claim 17 or 18, **characterized** in that the means for temporarily receiving the sealing member comprises an irregular surface (440) of the covering having a first and a second portion (441, 442), the first portion having a diameter corresponding to the diameter of the hole, to which the device is dimensioned for, and the diameter of the second portion plus twice the thickness of the second sealing member (430) correspond to the diameter of said hole.

20. Use according to claim 19, **characterized** in that the second portion (441) will extend at least partially through the hole when inserted therein.

21. Use according to any of the claims 17 to 20, **characterized** in that the first and second sealing members (420, 430) are flexibly connected to the covering.

22. Use according to any of the claims 17 to 21, **characterized** in that the diameter at a free end of the first sealing member (420) is smaller than the diameter of a free end of the second sealing member (430).

23. Use according to any of the claims 17 to 22, **characterized** in that the first sealing member (420) extends outwardly from a first end of the covering towards the second sealing member, and the second sealing member (430) extends outwardly from a second end of the covering towards the first sealing member.

24. Use according to any of the claims 17 to 23, **characterized** in that the first sealing member provides a biasing force on the covering when inserted into the hole of the surrounding material.

25. Use according to any of the claims 17 to 24, **characterized** in that free ends of the first and second sealing members (220, 230, 420, 430) abut a first and a second side of the surrounding material, respectively, when the cable entry device is inserted into a hole therein.